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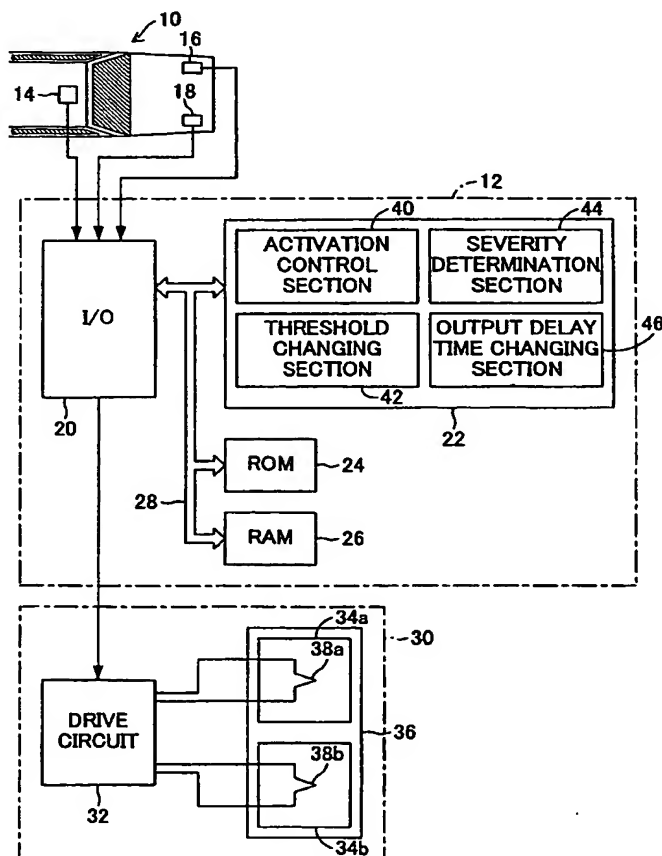
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(54) Title: ACTIVATION CONTROL APPARATUS FOR OCCUPANT PROTECTION APPARATUS



(57) Abstract: An activation control apparatus controls activation of an airbag unit (30). An electronic control unit (12) detects a floor deceleration  $G_f$  and front decelerations  $G_I$ ,  $G_r$  from signals output from a floor sensor (14) and front sensors (16, 18). Also, the electronic control unit (12) calculates a velocity change  $V_n$  from the floor deceleration  $G_f$ , and determines the severity of a collision. Further, the electronic control unit (12) determines the state of a symmetric flag FRG through comparison between the front decelerations  $G_I$ ,  $G_r$  and the value of a front determination map boundary, serving as a front threshold variation pattern and through comparison between the floor deceleration  $G_f$  and the value of a low or high map boundary, serving as an activation threshold variation pattern. Then, on the basis of results of the severity determination and the state of the symmetric flag FRG, the electronic control unit (12) determines a delay time in relation to the activation of the airbag unit (30). An airbag (36) is expanded and deployed on the basis of the delay time.



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